




# City of Loma Linda Official Report

Floyd Petersen, Mayor  
Stan Brauer, Mayor pro tempore  
Robert Christman, Councilmember  
Robert Ziprick, Councilmember  
Charles Umeda, Councilmember

COUNCIL AGENDA: September 27, 2005

TO: City Council

VIA: Dennis R. Halloway, City Manager 

FROM: Mike Norris, Fire Chief

SUBJECT: Award contract for purchase of a truck and engine

## **RECOMMENDATION**

It is respectfully recommended that the City Council approve the purchase of one (1) fire engine and one (1) ladder truck from Smeal Fire Apparatus of Snyder, Nebraska in the amount of \$823,285.

## **BACKGROUND**

The current ladder truck, a "Quint" with a pump and a water tank, was manufactured in 1986 and while it has served well over the years, has many hours of use on the ladder resulting in multiple repair problems being encountered over the past two years. Consequently, the truck has been out of service for several months during that time period.

The current front-line engine, ME 251, was manufactured in 1996. Due to near-constant use, it is experiencing some electrical and mechanical problems. It would be best to place the vehicle into a second-line status. The current second-line engine was built in 1982, has over 104,000 miles on it, and is due to go into a reserve capacity.

## **ANALYSIS**

This purchase will stabilize the Fire Department's front-line fleet and provide sufficient reserve apparatus to meet the Department's current needs. Purchasing the fire apparatus will return one engine to reserve status; will provide for a dependable and more maneuverable ladder truck, improving the stability of the front-line and reserve fleet. Pricing on these apparatus are "tag-on" purchases with Riverside County Fire Department Bids.

Fire Administration sought bids from four (4) fire apparatus manufacturers: Smeal, Pierce, KME, and Ferrara. All manufacturers submitted "off-the-line" bids (see attached bid proposals).

Smeal Fire Apparatus had the second lowest bid on off-the-line apparatus, and had a fire engine with a smaller turning radius as well as the best approach and departure angles.

Fire Administration then pursued a bid with Smeal for custom apparatus since they presented the engine with the best capabilities for the Department. This engine has a 2000 GPM pump capacity, a 500-gallon water tank, a 35' ground ladder, and is built on a more compact chassis than the Department than the apparatus the Department currently has.

Smeal also has the capability of building a high quality ladder truck as well. The truck will have a 2000 GPM pump, a 500-0gallon tank, and a 75' ladder. The shorter 2-axle wheelbase will allow it to access most streets in the City.

Both units will be standardized with the same cab build-u, motor, pump and other items, streamlining operations and maintenance procedures.

Pricing on these apparatus are "tag-on" purchases with Riverside County Fire Department Bids.

### **ENVIRONMENTAL**

Not applicable.

### **FINANCIAL IMPACT**

Funding for the apparatus was approved by and will come from the Redevelopment Agency.

## Fire Apparatus Bid Proposals

### **Smeal Fire Apparatus**

Off the Line

75' Aerial Ladder Truck	\$452,000
Engine	\$359,000
Total	\$811,000

**Smeal** - Custom Built

75' Aerial Ladder Truck	\$477,998
Engine	\$345,287
Total	\$823,285

### **Pierce Fire Apparatus**

Off the Line

75' Aerial Ladder Truck	\$525,900
Engine	\$288,706
Total	\$814,606

### **KME Fire Apparatus**

Off the Line

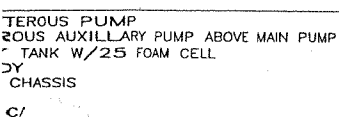
75' Aerial Ladder Truck	\$550,000
Engine	\$312,932
Total	\$862,932

### **Ferrara Fire Apparatus**

Off the Line

77' Aerial Ladder Truck	\$495,500
Engine	\$315,000
Total	\$810,500

The architectural drawings show a floor plan and a section view of a building. The floor plan is a rectangular layout with various rooms and corridors. A large room on the left contains a circular feature, possibly a well or a large window. The section view on the right shows the building's profile, including the roofline and internal structure. The drawings are detailed, showing walls, doors, and furniture.

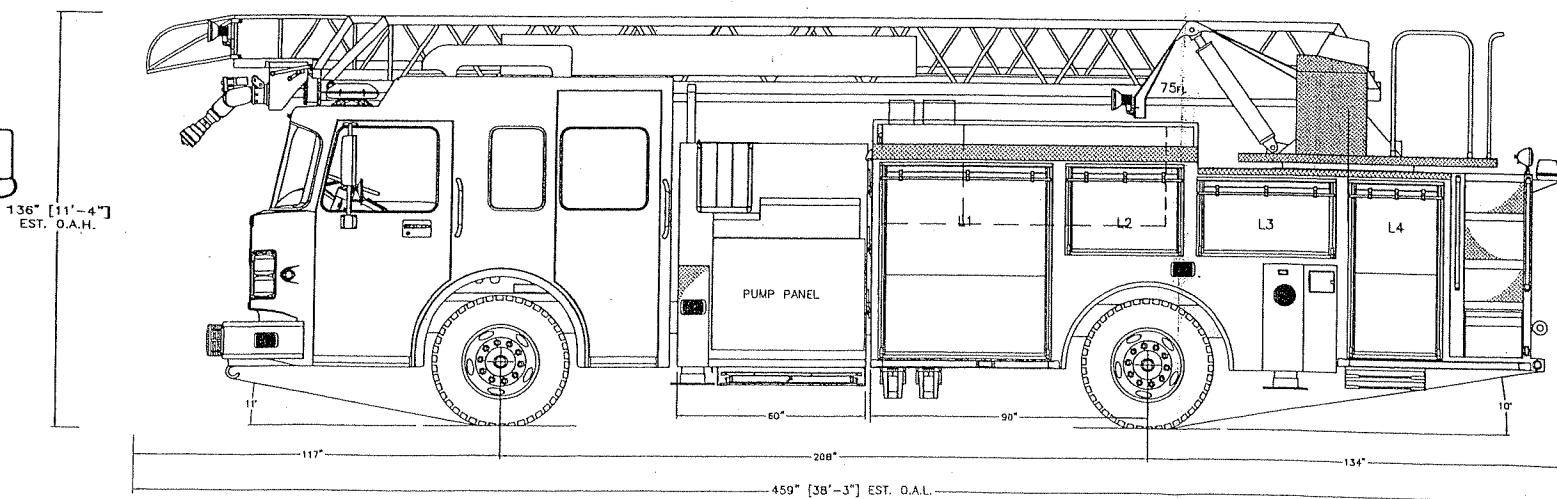
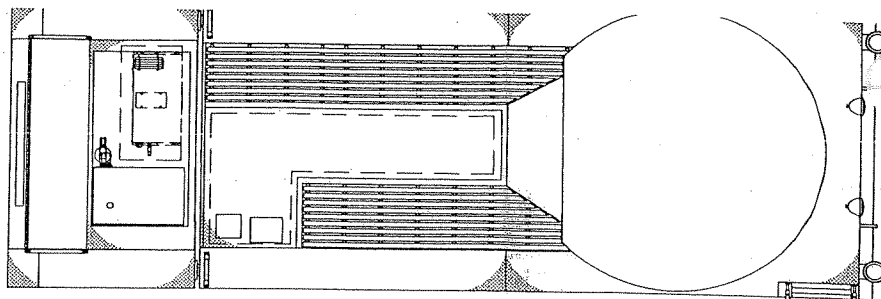


Date	Approval Signatures	Revisions
	DEALER	
	FIRE CHIEF	
	SALES AD.	
	PRODUCTION	
	ENGINEERING	



Revisions	SMEAL FIRE APPARATUS SNYDER, NE 68664		
	CITY OF LOMA LINDA LOMA LINDA, CA.		
Drawn by	JAW	Scale	3/8" = 1'
Chk'd		Date	7/29/05
	18 x 24	BID	3884

INTERMEDIATE DIVIDE HEIGHT				
/R1	30		L4/R4	25 1/2



HASSIS: SIRIUS  
TANK: 300 GAL & 20 FOAM  
DISEBED: 800' OF 4" & 1200' OF 2 1/2"  
GENERATOR: ONAN 6K  
COMPARTMENTS: 183 CUBIC FEET

PRELIMINARY  
DRAFT

Date		Approval Signatures		Revisions		Revisions	
	DEALER					SMEAL FIRE APPA SNYDER, NE 68	
	FIRE CHIEF					CITY OF LOMA L LOMA LINDA, C	
	SALES AD.					Drawn by: J.L.J.	Scale: 3/8"=1'
	PRODUCTION					Chk'd by:	Date: 08/03/05
	ENGINEERING					18 x 24	BID